

12/19/01

1131 U.S. PTO

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PTO/SB/05 (02-91)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY  
PATENT APPLICATION  
TRANSMITTAL

Attorney Docket No.

520.40997X00

First Inventor

SHIBATA, YUKIHIRO

Title

METHOD AND APPARATUS FOR DETECTING DEFECTS

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Express Mail Label No.

## APPLICATION ELEMENTS

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

SEE MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)

2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.

3. ☒ Specification [Total Pages: 33]  
(preferred arrangement and both bold)

-Descriptive title of the invention  
-Cross Reference to Related Applications  
-Statement Regarding Fed sponsored R & D  
-Reference to sequence listing, a table,  
or a computer program listing appendix  
-Background of the invention  
-Brief Summary of the invention  
-Brief Description of the Drawings (if filed)  
-Detailed Description  
-Claim(s)  
-Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) [Total Pages: 8]

5. Oath or Declaration [Total Pages: 4]

- a. ☒ Newly executed (original or copy)  
☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)

- i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s)  
Named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b)

6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)  
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a. ☐ Computer Readable Form (CRF)  
b. Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☐ paper  
c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & documents(s))  
10. ☐ 37 CFR 3.73(b) Statement ☒ Power of Attorney  
(when there is an assignee)  
11. ☐ English Translation Document (if applicable)  
12. ☐ Information Disclosure ☐ Copies of IDS Citations  
Statement (IDS)/PTO-1449  
13. ☐ Preliminary Amendment  
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)  
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)  
16. ☐ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.  
17. ☒ Other: SEE 1 IN ADDENDUM

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

Prior application information: Examiner: \_\_\_\_\_ Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under  
Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.  
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

020457

or ☐ Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name				ANTONELLI, TERRY, STOUT & KRAUS, LLP			
Address							
City				State		Zip Code	
Country				Telephone		Fax	
Name		Melvin Kraus		Registration No. (Attorney/Agent)		22,466	
Signature		<i>Melvin Kraus</i>		Date		December 19, 2001	

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$1032.00)

## Complete if Known

Application Number  
Filing Date December 19, 2001  
First Named Inventor SHIBATA, YUKIHIRO  
Examiner Name  
Group Art Unit  
Attorney Docket No. 520.40997X00

## METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit overpayments to:  
Deposit Account Number 01-2135  
Deposit Account Name Antonelli, Terry, Stout & Kraus, LLP  
☒ Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17  
☐ Applicant Claims small entity status.  
See 37 CFR 1.27

## 2. Payment Enclosed:

☐ Check ☒ Credit Card ☐ Money Order ☐ Other

## FEE CALCULATION

### 2. BASIC FILING FEE

Large Fee Code	Entity Code	Small Entity Fee Code	Fee Description	Fee Paid
101	740	201	370 Utility filing fee	740.00
106	330	206	185 Design filing fee	
107	510	207	255 Plant filing fee	
108	740	208	370 Reissue filing fee	
114	160	214	80 Provisional filing fee	

SUBTOTAL (1) 740.00

### 1. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
15-20** = 0	x 0.00	= 0.00	
Indep. Claims 6-3** = 3	x 64.00	= 252.00	
Multiple Dependent	0.00	= 0.00	

Large Fee Code	Entity Code	Small Entity Fee Code	Fee Description	Fee Paid
103	18	203	9 Claims in excess of 20	
102	84	202	42 Independent claims in excess of 3	
104	280	204	140 Multiple dependent claim, if not paid	
109	84	209	42 ** Reissue independent claims over original patent	
110	18	210	9 ** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) \$ 252.00

\*\*or number previously paid, if greater; For Reissues, see above.

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Fee Code	Entity Code	Small Entity Fee Code	Fee Description	Fee Paid
105	130	205	65 Surcharge - late filing fee or oath	
127	50	227	25 Surcharge - late provisional filing fee or cover sheet	
139	130	139	130 Non-English specification	
147	2,520	147	2,520 For filing a request for ex parte reexamination	
112	920*	112	920* Requesting publication of SIR prior to Examination action	
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action	
115	110	215	55 Extension for reply within first month	
116	400	216	200 Extension for reply within second month	
117	920	217	450 Extension for reply within third month	
118	1,440	218	720 Extension for reply within fourth month	
128	1,960	228	980 Extension for reply within fifth month	
119	320	219	160 Notice of Appeal	
120	320	220	160 Filing a brief in support of an appeal	
121	280	221	140 Request for oral hearing	
138	1,510	138	1,510 Petition to institute a public use proceeding	
140	110	240	55 Petition to revive - unavoidable	
141	1,280	241	640 Petition to revive - unintentional	
142	1,280	242	640 Utility issue fee (or reissue)	
143	460	243	230 Design issue fee	
144	620	244	310 Plant issue fee	
122	130	122	130 Petitions to the Commissioner	
123	50	123	50 Processing fee under 37 CFR 1.17(q)	
126	180	126	180 Submission of Information Disclosure Stmt	
561	40	561	40 Recording each patent assignment per property (times number of properties)	40.00
146	740	246	370 For each additional invention to be examined (37 CFR § 1.129(a))	
149	740	249	370 For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370 Request for Continued Examination (RCE)	
169	900	169	900 Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$1032.00)

## SUBMITTED BY

Name (Print/Type) Mylin Kraus  
Signature [Signature]

Registration No. (Attorney/Agent) 22,486

## Complete (if applicable)

Telephone 703-312-6600  
Date 12/19/2001

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First Inventor	SHIBATA, YUKIHIRO
Title	METHOD AND APPARATUS FOR DETECTING DEFECTS
Express Mail Label No.	

1. LIST & COPIES OR PRIOR ART W/REFS.  
CREDIT CARD PAYMENT FORM  
FIGS. 1-11

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